

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068107.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 11:10
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 25 04:22:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:20:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.425	791222	4.897 ug/ml
Spiked Amount 50.000		Recovery =	9.79%
12) S 1-chlorooctadecane (S...	12.866	575543	4.817 ug/ml
Spiked Amount 50.000		Recovery =	9.63%
Target Compounds			
1) T n-Nonane (C9)	3.233	694002	4.939 ug/ml
2) T n-Decane (C10)	4.291	696954	4.870 ug/ml
3) T A~Naphthalene (C11.7)	5.860	735461	4.730 ug/ml
4) T n-Dodecane (C12)	6.298	701967	4.861 ug/ml
5) T A~2-methylnaphthalene...	6.912	679817	4.540 ug/ml
6) T n-Tetradecane (C14)	8.087	678873	4.800 ug/ml
7) T n-Hexadecane (C16)	9.682	690786	4.790 ug/ml
8) T n-Octadecane (C18)	11.119	701017	4.825 ug/ml
10) T n-Eicosane (C20)	12.425	676915	4.878 ug/ml
11) T n-Heneicosane (C21)	13.035	664598	4.882 ug/ml
13) T n-Docosane (C22)	13.620	653737	4.895 ug/ml
14) T n-Tetracosane (C24)	14.720	647347	4.875 ug/ml
15) T n-Hexacosane (C26)	15.738	640168	4.920 ug/ml
16) T n-Octacosane (C28)	16.685	660648	5.162 ug/ml
17) T n-Tricontane (C30)	17.571	717917	5.456 ug/ml
18) T n-Dotriacontane (C32)	18.400	712580	5.641 ug/ml
19) T n-Tetratriacontane (C34)	19.183	604670	5.501 ug/ml
20) T n-Hexatriacontane (C36)	19.922	497419	5.299 ug/ml
21) T n-Octatriacontane (C38)	20.635	450417	5.130 ug/ml
22) T n-Tetracontane (C40)	21.497	416329	5.088 ug/ml

(f)=RT Delta > 1/2 Window

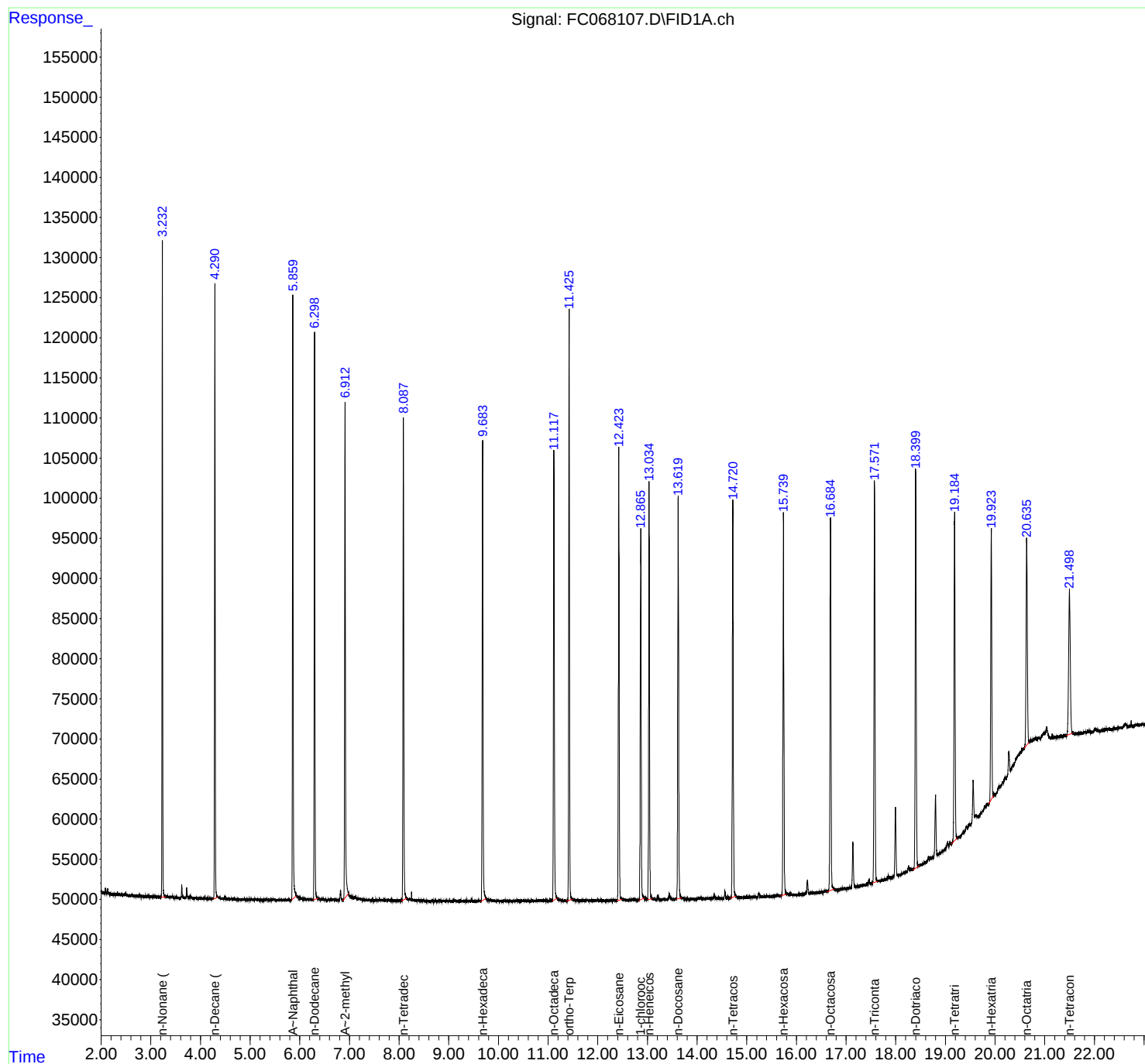
(m)=manual int.

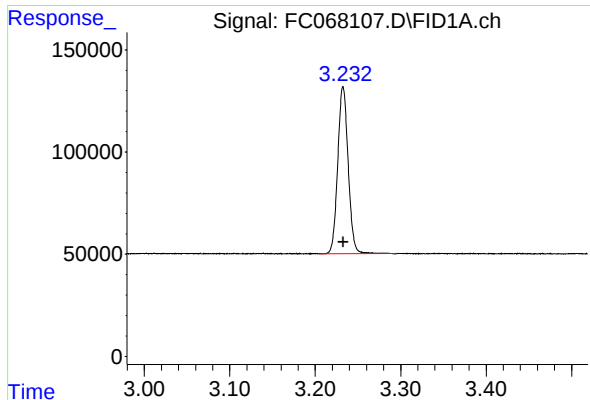
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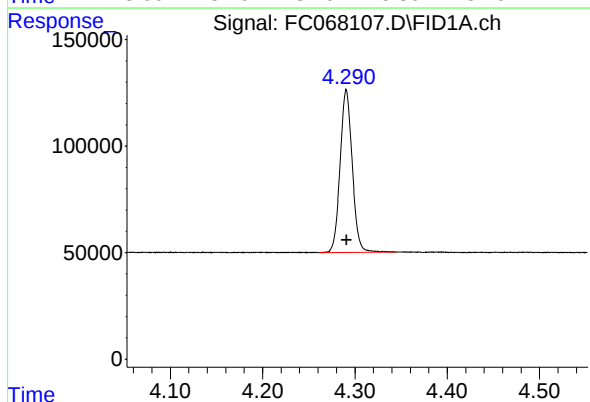




#1 n-Nonane (C9)

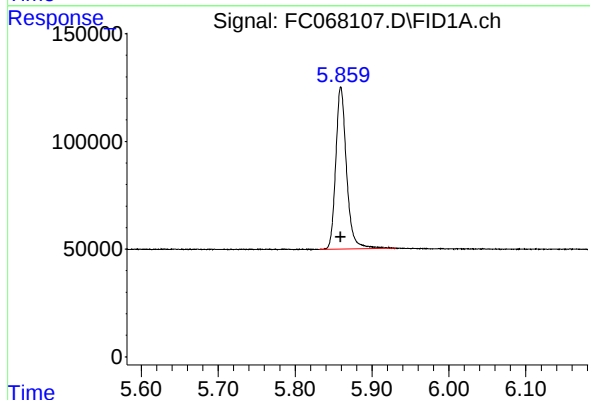
R.T.: 3.233 min
Delta R.T.: 0.000 min
Response: 694002
Conc: 4.94 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



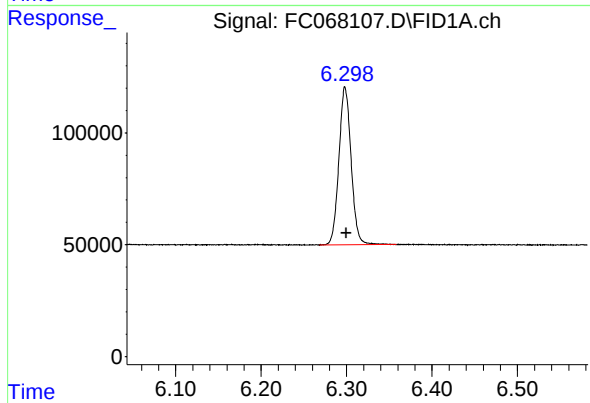
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 696954
Conc: 4.87 ug/ml



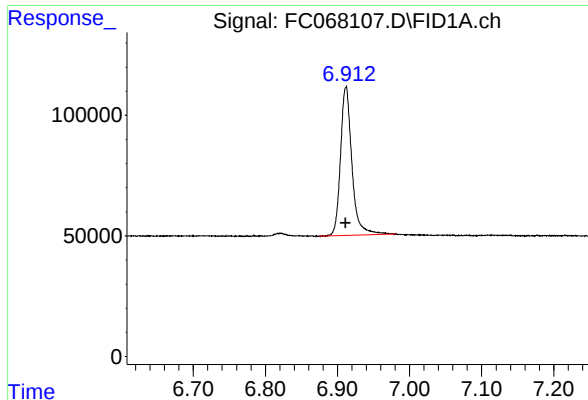
#3 A~Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 735461
Conc: 4.73 ug/ml



#4 n-Dodecane (C12)

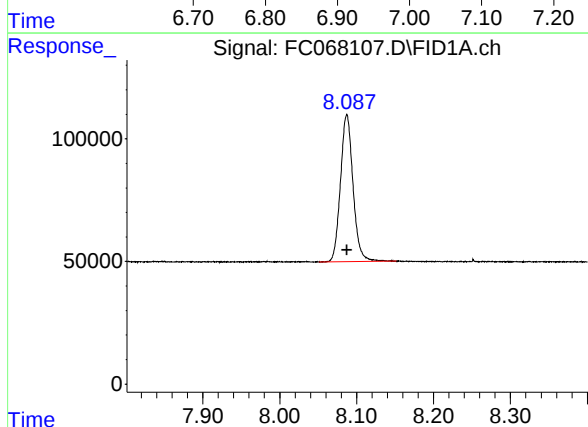
R.T.: 6.298 min
Delta R.T.: -0.001 min
Response: 701967
Conc: 4.86 ug/ml



#5 A~2-methylnaphthalene (C12.89)

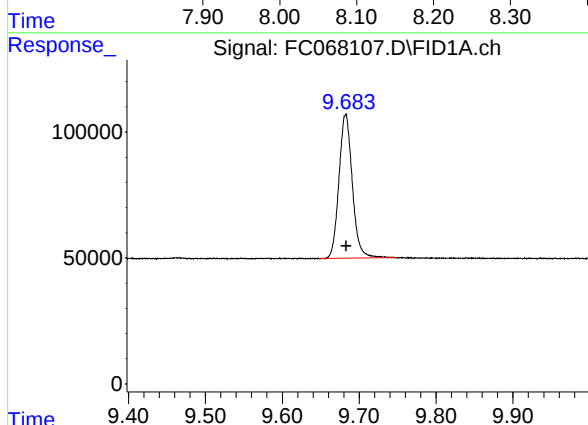
R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 679817
Conc: 4.54 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



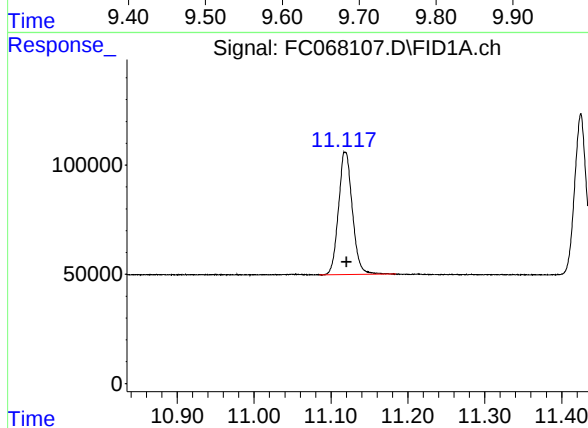
#6 n-Tetradecane (C14)

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 678873
Conc: 4.80 ug/ml



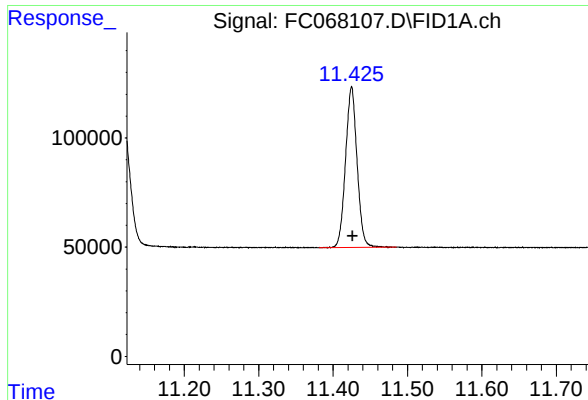
#7 n-Hexadecane (C16)

R.T.: 9.682 min
Delta R.T.: 0.000 min
Response: 690786
Conc: 4.79 ug/ml



#8 n-Octadecane (C18)

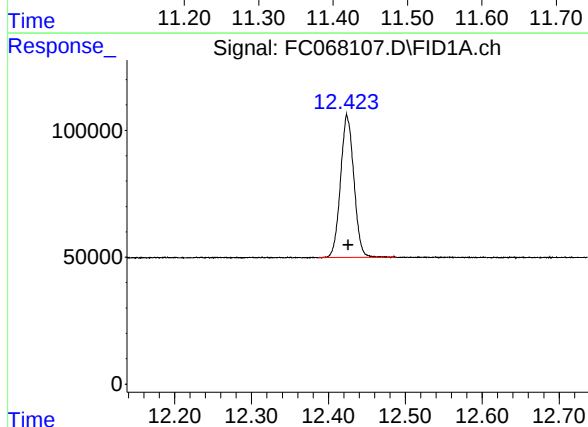
R.T.: 11.119 min
Delta R.T.: -0.002 min
Response: 701017
Conc: 4.83 ug/ml



#9 ortho-Terphenyl (SURR)

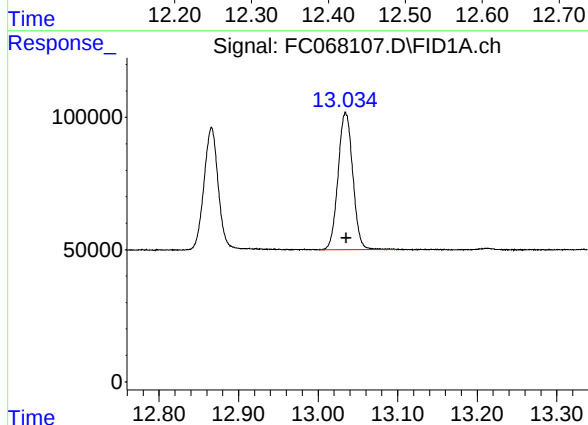
R.T.: 11.425 min
Delta R.T.: -0.001 min
Response: 791222
Conc: 4.90 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



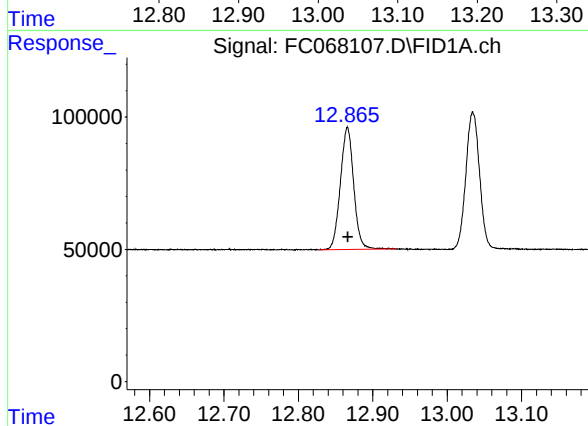
#10 n-Eicosane (C20)

R.T.: 12.425 min
Delta R.T.: 0.000 min
Response: 676915
Conc: 4.88 ug/ml



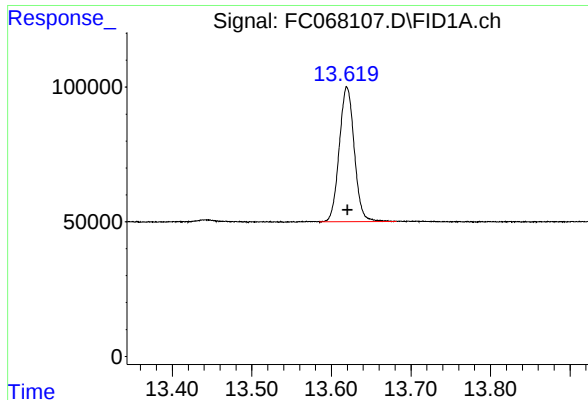
#11 n-Heneicosane (C21)

R.T.: 13.035 min
Delta R.T.: 0.000 min
Response: 664598
Conc: 4.88 ug/ml



#12 1-chlorooctadecane (SURR)

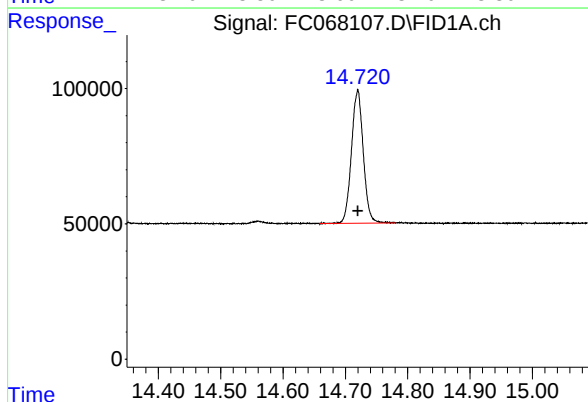
R.T.: 12.866 min
Delta R.T.: 0.000 min
Response: 575543
Conc: 4.82 ug/ml



#13 n-Docosane (C22)

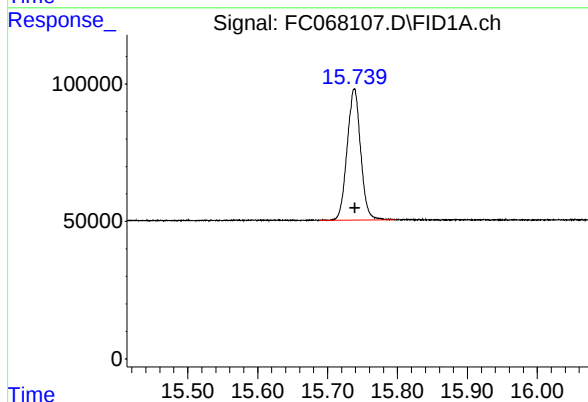
R.T.: 13.620 min
Delta R.T.: 0.000 min
Response: 653737
Conc: 4.90 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



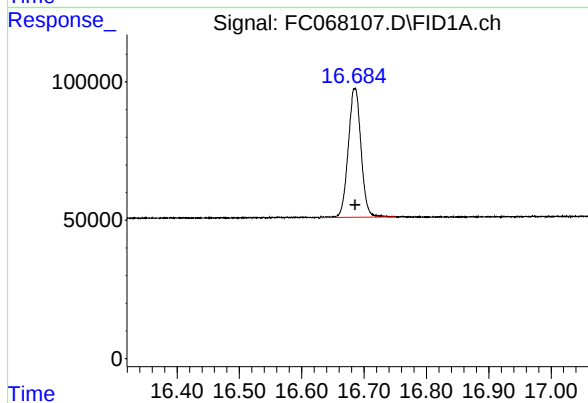
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: 0.000 min
Response: 647347
Conc: 4.87 ug/ml



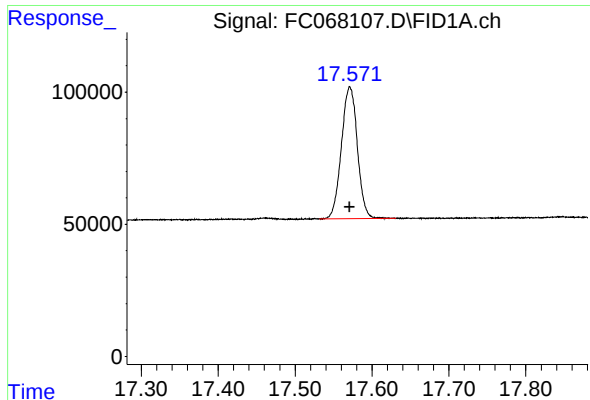
#15 n-Hexacosane (C26)

R.T.: 15.738 min
Delta R.T.: 0.000 min
Response: 640168
Conc: 4.92 ug/ml



#16 n-Octacosane (C28)

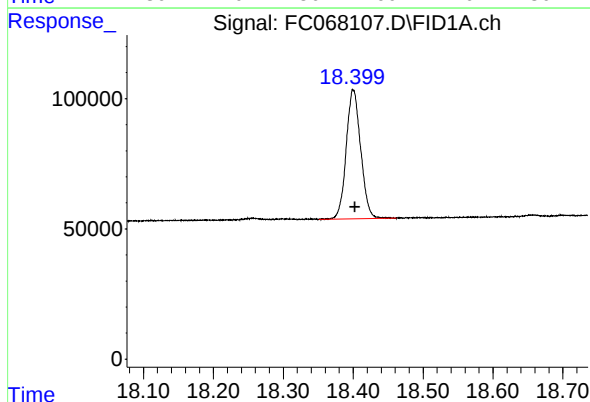
R.T.: 16.685 min
Delta R.T.: 0.000 min
Response: 660648
Conc: 5.16 ug/ml



#17 n-Tricontane (C30)

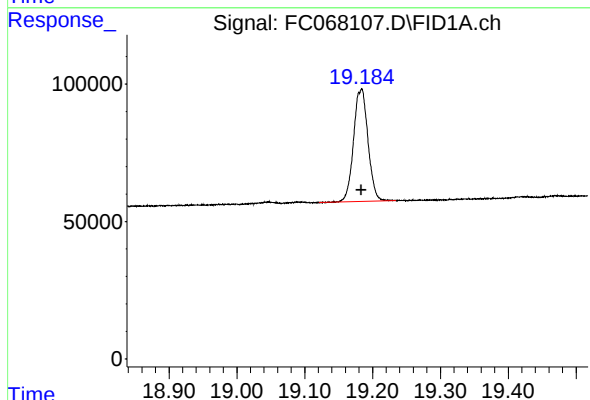
R.T.: 17.571 min
Delta R.T.: 0.000 min
Response: 717917
Conc: 5.46 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



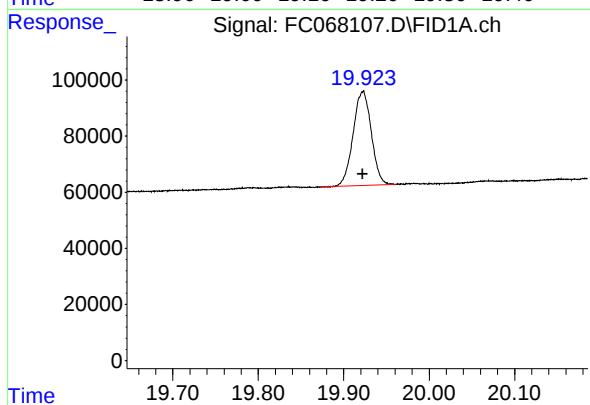
#18 n-Dotriacontane (C32)

R.T.: 18.400 min
Delta R.T.: -0.002 min
Response: 712580
Conc: 5.64 ug/ml



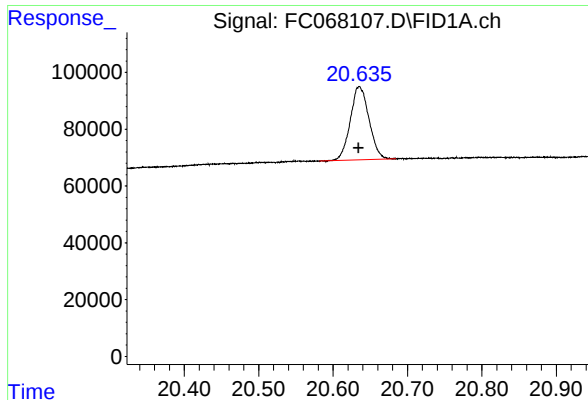
#19 n-Tetratriacontane (C34)

R.T.: 19.183 min
Delta R.T.: 0.000 min
Response: 604670
Conc: 5.50 ug/ml



#20 n-Hexatriacontane (C36)

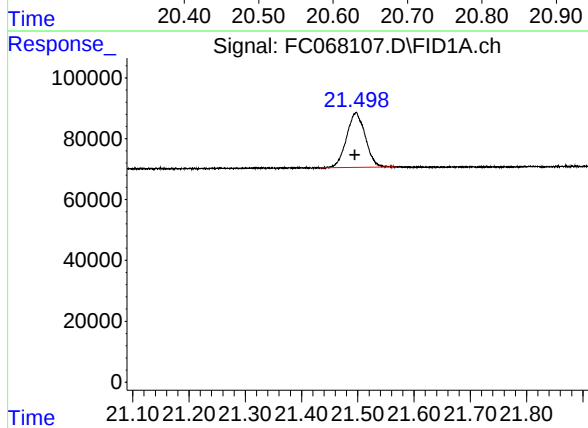
R.T.: 19.922 min
Delta R.T.: 0.000 min
Response: 497419
Conc: 5.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.635 min
Delta R.T.: 0.001 min
Response: 450417
Conc: 5.13 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.497 min
Delta R.T.: 0.002 min
Response: 416329
Conc: 5.09 ug/ml